

AMENDMENT TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS

Claim 1 (currently amended): A ~~support stand~~ shelf, comprising:
a plurality of support stands each having a circular cross-section and each having a periphery formed with ~~a plurality of~~ six elongated flanges and ~~a plurality of~~ six arcuate connecting faces located between the flanges;

the flanges being arranged in an annular shape to form a circular cross-sectional configuration;

each of the flanges having two opposite sides each formed with a neck connected to a respective one of the arcuate connecting faces; and

each of the flanges having a surface formed with a plurality of grooves.

Claim 2 (currently amended): The ~~support stand~~ shelf in accordance with claim 1, wherein each of the support stands has a tubular shape.

Claim 3 (canceled)

Claim 4 (currently amended): The ~~support stand~~ shelf in accordance with claim 1, wherein the flanges are equally distant from each other to form an equally angular configuration.

Claim 5 (currently amended): The ~~support stand~~ shelf in accordance with claim 1, wherein each of the flanges is directed toward a center of each of the support stands.

Claim 6 (currently amended): The ~~support stand~~ shelf in accordance with claim 1, wherein each of the flanges ~~is substantially~~ has a dovetail-shaped cross-section.

Claim 7 (currently amended): The ~~support stand~~ shelf in accordance with claim ~~[[1]]~~ 5, wherein each of the flanges has a tapered width gradually reduced from the periphery to the center of each of the support stands.

Claim 8 (currently amended): The ~~support stand~~ shelf in accordance with claim 1, wherein the grooves of the flanges are arranged in a circular shape to form a circular cross-sectional configuration.

Claim 9 (currently amended): The ~~support stand~~ shelf in accordance with claim 1, further comprising a ~~[[netted]]~~ rack provided with a plurality of arcuate mounting plates, and a plurality of arcuate fixing plates each mounted on a respective one of the mounting plates of the ~~[[netted]]~~

rack, wherein each of the support stands is mounted on a respective one of the fixing plates for supporting the [[netted]] rack.

Claim 10 (currently amended): The ~~support stand~~ shelf in accordance with claim 9, wherein each of the fixing plates has a first side mounted on a respective one of the mounting plates of the [[netted]] rack and a second side mounted on either one of the flanges of the respective support stands, the second side of each of the fixing plates is formed with a plurality of insertion strips each inserted into a respective one of the grooves of the respective flange.

Claim 11 (currently amended): The ~~support stand~~ shelf in accordance with claim 9, wherein each of the fixing plates has two ends each formed with a hook urged on the neck of the respective flange.

Claim 12 (canceled)

Claim 13 (new): The shelf in accordance with claim 1, wherein each of the six flanges of each of the support stands is protruded radially and outwardly from a center of each of the support stands for mounting a rack, so that any two of the six flanges of each of the support stands connect two racks which are arranged in an angular manner to form an angular configuration.

Claim 14 (new): The shelf in accordance with claim 13, wherein the six flanges of each of the support stands are equally distant from each other by sixty degrees so that the six flanges of each of the support stands surround the center of each of the support stands to form an equally angular configuration.